

HatchTrakSM

February 2, 2017



GENERAL PURPOSE BURNDOWNS – Corn or Soybeans Without 2,4-D, Dicamba or Glyphosate

FAST, Flexible, Broad Spectrum, Applicator Friendly



- ❖ Freedom to choose corn or soybean pre-emergence herbicide
- ❖ Fewer restrictions around application factors

CORN or SOYBEANS - No-Till, Reduced Till, Stale Seed Bed, freshening up conventional till, PRE-PLANT thru PLANTING & PRE-Emergence, without 2,4-D restrictions.

- ✓ May be used in 2,4-D and/or atrazine sensitive areas for burndown.
- ✓ Flexibility to plant Corn or Soybeans or other labeled crop.
- ✓ Works on all tillage types, no-till, reduced till, stale seed bed, conv. tillage.
- ✓ Application timing flexibility - Pre-Plant thru Planting and Pre-emergence.
- ✓ Flexibility to tankmix Pre-emergent herbicide labeled for intended crop(s).
- ✓ Great herbicide resistance management tool, 2+ effective modes of action.

1. AIM[®] EC herbicide 1 oz + Liberty[®] herbicide 29 - 36 oz + AMS 2.5 lbs

- Controls glyphosate and/or ALS Herbicide Resistant Weeds.
- Controls grasses, good substitute for Glyphosate.
- Works better under cooler temperatures than Liberty alone.
- Use in 2,4-D, atrazine sensitive areas or at-plant burndown application.
- PRE Herbicide must be tankmixed for pre-emergence weed control .
- Very flexible, fits with a strong PRE herbicide such as Authority[®] Brand herbicides or Anthem[®] Brand herbicides.

2. AIM[®] EC herbicide 1 oz + metribuzin 75 DF herbicide product 5-6 oz + paraquat 2SL herbicide product 32 oz + COC 1% v/v OR MSO (labeled rate) + AMS 2.5 lbs

- Controls Glyphosate and/or ALS Herbicide Resistant Weeds.
- Controls grasses, good substitute for Glyphosate or Glufosinate.
- Use in 2,4-D, atrazine sensitive areas or at-plant burndown application.
- Provides limited residual pre-emergence weed control .
- Very flexible, fits with a PRE herbicide such as Authority[®] Brand herbicides or Anthem[®] Brand herbicides.

3. AIM[®] EC herbicide 1 oz + paraquat 2SL product 32 oz + COC 1% v/v OR MSO (labeled rate)+ AMS 2.5 lbs

- Controls certain Herbicide Resistant Broadleaf Weeds.
- Use in 2,4-D, atrazine sensitive areas or at-plant burndown application.
- PRE Herbicide must be tankmixed for pre-emergence weed control.
- Very flexible, fits with a strong PRE herbicide such as Authority[®] MTZ DF herbicide or Anthem[®] Brand herbicides.

DON'T SKIMP

- ❖ Rates – Size
- ❖ Coverage
- ❖ Water Volume
- ❖ Ajuvants

Inside This Issue

❑ GENERAL PURPOSE BURNDOWNS, without 2,4-D, Dicamba or Glyphosate

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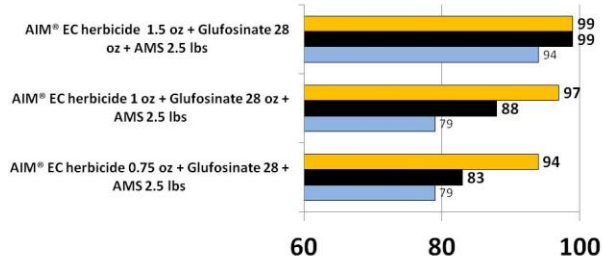
GENERAL PURPOSE BURNDOWNS – Corn or Soybeans Without 2,4-D, Dicamba or Glyphosate

Use labeled rates for weed size and spray volume. Always use COC 1% v/v or MSO (labeled rate).

AIM[®] EC herbicide Burndown Early Spring Temperature & Surfactant Study - 2006

(Data Courtesy University of Tennessee County Extension – Haywood County)

% Palmer Pigweed Control - 14 Days After Treatment



Treatments applied to Palmer Pigweed 1.5 inches tall in 17 gallons water

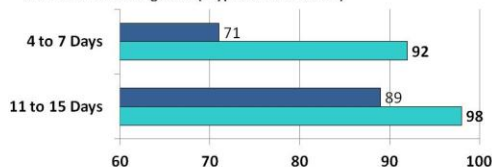
MSO 2 pt COC 1% v/v No Adjuvant

AIM[®] EC herbicide Burndown

Summary of Selected Burndown Treatments of Paraquat and Aim[®] EC herbicide + Paraquat Tankmixes

(Data Courtesy University of Missouri Delta Center, Portageville, MO)

% Control Palmer Pigweed (Glyphosate Resistant)



Paraquat 32 oz + COC 1% v/v

AIM[®] EC herbicide 1 oz + Paraquat 32 oz + COC 1% v/v



Untreated Marestail Prior to Application



9 Days After Treatment – Liberty[®] herbicide 29 oz/a + COC 1% v/v + AMS

NOTE: Green tissue of marestail, able to photosynthesize and re-grow and produce seed under selection pressure of a single herbicide.



9 Days After Treatment – AIM[®] EC herbicide 1 oz + Liberty[®] herbicide 29 oz/a + COC 1% v/v + AMS

NOTE AIM[®] EC herbicide 1 oz provided an additional effective mode of action making the difference in controlling marestail.



9 Days After Treatment - Gramoxone[®] SL herbicide 32 oz/a + COC 1% v/v + AMS

NOTE Severe burning of green tissue and marestail re-growth. A higher rate of Gramoxone[®] or the addition of Authority MTZ 10- 14 oz which contains metribuzin OR addition of metribuzin 75 DF product would control marestail.



9 Days After Treatment – AIM[®] EC herbicide 1 oz + Gramoxone[®] SL herbicide 32 oz/a + COC 1% v/v + AMS

NOTE Marestail dying due to burning and pinching at growth point due to adding AIM[®] EC herbicide 1 oz; use of

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Always read and follow label directions. NOTE REGARDING RESTRICTED USE PESTICIDES: Anthem ATZ herbicide; Athena insecticide, Brigade 2EC Insecticide/Miticide, Brigade WSB Insecticide/Miticide, Brigadier Insecticide Capture 3RIVE 3D insecticide, Capture LFR Insecticide, Declare insecticide, Hero Insecticide, Mustang Insecticide, Mustang Maxx Insecticide, Pounce 25WP Insecticide, Stallion Brand Insecticide, Temity LFR Insecticide/Fungicide, Triple Crown Insecticide, Ethos XB Insecticide/Fungicide and Gladiator Insecticide/Miticide are **Restricted Use Pesticides**. NOTE FOR CALIFORNIA: Accurate Extra herbicide, Aim herbicide, Aim EC herbicide, Aim EW herbicide, Anthem herbicide, Anthem ATZ herbicide, Anthem Flex herbicide, Anthem MAXX herbicide, Authority Assist herbicide, Authority Elite herbicide, Authority First DF herbicide, Authority MAXX herbicide, Authority MTZ DF herbicide, Authority XL herbicide, Cadet herbicide, Chisum Herbicide, Command 3ME microencapsulated herbicide, Crusher Herbicide, Edition Broadspec herbicide, Edition Tankmix Herbicide, Marvel herbicide, Nimble Herbicide, Nuance Herbicide, Preemptor SC fungicide, Report Extra Herbicide, Solstice herbicide, Spartan 4F herbicide, Spartan Charge herbicide, Spartan Elite herbicide, Temity LFR Insecticide/Fungicide, Topguard EQ fungicide, Zeus Prime XC herbicide, Zeus XC herbicide, Capture 3RIVE 3D insecticide, Ethos XB Insecticide/Fungicide, Hero Insecticide, Mustang Maxx Insecticide, Display cotton harvest aid, Zoro Miticide and VGR Soil Amendment **are not registered for sale or use in California**. VGR Soil Amendment is not a pesticide. Beleaf and Carbine are trademarks of Ishihara Sangyo Kaisha, Ltd. Cercobin is a trademark of Nippon Soda Co., LTD. Sovran is a registered trademark of BASF. FMC, 3RIVE 3D, Accurate, Aim, Anthem, Athena, Authority, Brigadier, Cadet, Capture, Chisum, Command, Crusher, Declare, Display, Edition, Ethos, Preemptor, Fracture, Fyfanon, Gladiator, Hero, Koverall, LFR, Marvel, Mustang, Nimble, Obey, Pounce, Report, Rhyme, Rovral, Shark, Solida, Solstice, Spartan, Stallion, Temity, Topguard, Topguard Terra, VGR and Zeus are trademarks and HatchTrak and Investing in farming's future are service marks of FMC Corporation or an affiliate. ©2016 FMC Corporation. All rights reserved. 11/16

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